



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ALLEN, Keith D.

Serial No.: 10/005,202

Filed: December 4, 2001

**Title: Transgenic Mice Containing Kir5.1
Inwardly Rectifying Potassium Channel
Gene Disruptions**

Group Art Unit: 1632

Examiner: Wilson, Michael C.

Customer No. 26619

Docket/Order No. R-902

Date: July 22, 2003

AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents
Mail Stop Non-Fee Amendments
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 22, 2003, in connection with the above-referenced application, the Applicant requests entry and consideration of the following amendments and remarks. The Applicant submits concurrently herewith a Petition for an Extension of Time under 37 CFR § 1.136(a) for response to the Office Action for a period of one (1) month from June 22, 2003 up to and including July 22, 2003. The Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-1271 under Order No. R-902.

fmo 50-1271

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amendment to Figure 3 to clearly identify the sequence as SEQ ID NO:1, the Applicant believes he is now in full compliance with the requirements of 37 CFR 1.821 through 1.825.

III. Requirement for Restriction:

In response to the Examiner's requirement for restriction in the instant Office Action, the Applicant elects, without traverse, Group II (claims 3-12 and 14-25), drawn to a cell having a disruption in a Kir5.1 gene, a non-human transgenic animal having a disruption in a Kir5.1 gene, a method of making the animal and a method of using the animal.

The Applicant respectfully requests entry and consideration of the foregoing amendments and remarks. Upon entry of the amendments, claims 3-12 and 14-25 are pending in the instant application.

Respectfully submitted,

Date: 7/22/03

Kelly L. Quast

Kelly L. Quast, Reg. No. 52,141
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Enclosures

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence and its listed enclosures is being deposited with the United States Postal Service as First Class Mail, postage paid, in an envelope addressed to: Commissioner for Patents, Alexandria, VA, Mail Stop Non-Fee Amendment/OIPE on July 22, 2003.

Name: **Don Mixon**

Signed: Don Mixon

Date: 7/22/03